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Date of Deposit: Lune 20, 2002

James E. Gadley

## IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF

SERIAL NO.: 09/838,741

**DOCKET NO. 104-22997** 

Dick L. Knox, et al.

EXAMINER:

Unknown

JUN 28 21

FILED: 04/19/2001

TITLE: Pressurized Bearing System for

Submersible Motor

**GROUP ART UNIT: 2834** 

PRELIMINARY AMENDMENT

Hon. Commissioner of Patents and Trademarks Washington, D.C. 20231

Sir:

Please cancel claims 10 and 11; and

amend claims 1-7 and add new claims 12 and 13 as set forth below:

1.(Amended) In an electric motor having a shaft and a bearing located within a housing that is adapted to be filled with lubricant, the improvement comprising:

at least one centrifugal lubricant pump stage located in the housing, the pump stage having an impeller attached to and rotating with the shaft and a mating diffuser for pressurizing the lubricant; and

a flow passage leading from the lubricant pump stage to the bearing.

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